

Riteks RCR-201

Mid Temperature Retarder

General Description

Riteks RCR-201 is a sodium lignosulfonate cement retarder that can be used to retard all API classes of cement as well as Pozz-Cement. RCR-201 retarder is effective in wells with bottom-hole circulating temperatures (BHCTs) up to 220°F (104.4°C). It can also withstand static temperatures up to 260°F (126.7°C). RCR-201 is particularly useful in cements containing high gel percentages, and increased concentrations of RCR-201 enhance the predictability of cement thickening times.

Typical Properties

- Color: Dark Brown
- % Solids: 93 – 98%
- Specific Gravity: ~1.36
- Absolute Volume: 0.0952
- Bulk Density: ~35 lb/ft³

Typical properties given do not constitute a supply specification.

Features and Benefits

Riteks RCR-201 can provide the following benefits:

- Increased concentrations of RCR-201 enhance the predictability of cement thickening times
- Improved slurry displacement rates at steady pressures
- Provides early cement-strength development
- Aid in extending a slurry's temperature range and yield a smoother, more uniform slurry.
- Decreases the danger of over-retarded slurries at the top of a long cement column.
- Helps displace slurries at high rates while maintaining formation pressure.

Packaging/Storage

Available in 55.12# (25kg) paper bags & 1322.77# (600kg) supersacks

Store in a cool, dry, well-ventilated area. Under dry conditions, powder products remain stable for several years.

Applications

Riteks RCR-201 is effective in wells with bottom-hole circulating temperatures (BHCTs) from 100°F (37.8°C) up to 220°F (104.4°C). It can also withstand static temperatures up to 260°F (126.7°C). RCR-201 is very consistent & decreases the danger of over-retarded slurries at the top of a long cement column.

Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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